ABSTRACT

An apparatus, method and system to improve data transfer across a communications network by employing an acknowledgment independent equalized data packet transfer mechanism on a peer-to-peer basis. The present disclosure teaches how many computers can send data to many other computers, with particularity on a peer-to-peer basis when desired, without requiring acknowledgements of safe receipt by the receiving computer. By aggregating several computers to send data in a collection to a requesting computer, transfer rates may be increased. Further, by not requiring acknowledgment of receipt from the receiving computer, and by treating all data packets with equal utility, the present disclosure teaches a mechanism that reduces file transfer administration bandwidth, increases file transfer scalability on demand, and increases overall network transfer efficiency.